STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/512,737A
Source: IFW16
Date Processed by STIC: 08/04/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
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1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
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Revised 01/10/06

IFW16

RAW SEQUENCE LISTING DATE: 08/04/2006
PATENT APPLICATION: **US/10/512,737A** TIME: 10:13:05

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\08042006\J512737A.raw**

2 <110> APPLICANT: BioTeSys GmbH
3 Schelztorstrasse 54-56
4 D 73728 Esslingen
5 GERMANY
W--> 6 **<120> TITLE OF INVENTION: transport system in biological systems**
C--> 7 **<140> CURRENT APPLICATION NUMBER: US/10/512,737A**
C--> 7 **<141> CURRENT FILING DATE: 2004-10-27**
W--> 0 **<130> FILE REFERENCE:**
7 <150> PRIOR APPLICATION NUMBER: A 656/2002
8 <151> PRIOR FILING DATE: 2002-04-29
W--> 9 **<160> NUMBER OF SEQ ID: 15**

Does Not Comply
Corrected Diskette Needed
Cpg 1-5

ERRORED SEQUENCES

W--> 10 **<210> SEQ ID NO: 1**
11 <211> LENGTH: 6
12 <212> TYPE: PRT
13 <213> ORGANISM: Artificial sequence
W--> 14 **<220> FEATURE:**
15 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 16 **<400> SEQUENCE: 1**
17 Gly Arg Gly Asp Ser Pro
E--> 18 1 5 5
19 <210> SEQ ID NO: 2
20 <211> LENGTH: 5
21 <212> TYPE: PRT
22 <213> ORGANISM: Artificial sequence
W--> 23 **<220> FEATURE:**
24 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 25 **<400> SEQUENCE: 2**
26 Tyr Ile Glu Ser Arg
E--> 27 1 5 5
28 <210> SEQ ID NO: 3
29 <211> LENGTH: 5
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial sequence
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33 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 34 **<400> SEQUENCE: 3**
35 Ala Asp Gly Glu Ala
E--> 36 1 5 5
37 <210> SEQ ID NO: 4

Invalid Amino Acid Numbering.

RAW SEQUENCE LISTING DATE: 08/04/2006
PATENT APPLICATION: **US/10/512,737A** TIME: 10:13:05

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\08042006\J512737A.raw**

38 <211> LENGTH: 6
39 <212> TYPE: PRT
40 <213> ORGANISM: Artificial sequence
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42 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
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44 Val Arg Leu Leu Asn Asn
E--> 45 1 S 5
46 <210> SEQ ID NO: 5
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48 <212> TYPE: PRT
49 <213> ORGANISM: Artificial sequence
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53 Val Arg Leu Leu Asn Asn Trp Asp
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55 <210> SEQ ID NO: 6
56 <211> LENGTH: 8
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial sequence
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62 Gly Arg Val Arg Leu Leu Asn Asn
E--> 63 1 S 5
64 <210> SEQ ID NO: 7
65 <211> LENGTH: 6
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial sequence
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69 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
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71 Met Thr Ala Gly Ala Gly
E--> 72 1 S 5
73 <210> SEQ ID NO: 8
74 <211> LENGTH: 6
76 <212> TYPE: PRT
77 <213> ORGANISM: Artificial sequence
W--> 78 <220> FEATURE:
79 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 80 <400> SEQUENCE: 8
81 Leu Ser Gly Ala Leu Arg
E--> 82 1 S 5
83 <210> SEQ ID NO: 9
84 <211> LENGTH: 22
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial sequence
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same error

RAW SEQUENCE LISTING DATE: 08/04/2006
PATENT APPLICATION: US/10/512,737A TIME: 10:13:06

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08042006\J512737A.raw

88 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 89 <400> SEQUENCE: 9
91 Ile Val Ala Ile Leu Ile Cys Ile Leu Ile Leu Leu Thr Met Val Leu
E--> 92 1 5 5 10 10 15
E--> 93 15
94 Leu Phe Val Met Trp Met
E--> 95 20 20
96 <210> SEQ ID NO: 10
97 <211> LENGTH: 12
98 <212> TYPE: PRT
99 <213> ORGANISM: Artificial sequence
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101 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
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105 <210> SEQ ID NO: 11
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107 <212> TYPE: PRT
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110 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
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E--> 113 1 5 5 10 10 15
E--> 114 15
115 Leu Phe
116 <210> SEQ ID NO: 12
117 <211> LENGTH: 6
118 <212> TYPE: PRT
119 <213> ORGANISM: Artificial sequence
W--> 120 <220> FEATURE:
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W--> 122 <400> SEQUENCE: 12
123 Ile Val Ala Ile Leu Ile
E--> 124 1 5 5
125 <210> SEQ ID NO: 13
126 <211> LENGTH: 6
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial sequence
W--> 129 <220> FEATURE:
130 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 131 <400> SEQUENCE: 13
132 Cys Ile Leu Ile Leu Leu
E--> 133 1 5 5
134 <210> SEQ ID NO: 14
135 <211> LENGTH: 6
136 <212> TYPE: PRT
137 <213> ORGANISM: Artificial sequence

RAW SEQUENCE LISTING DATE: 08/04/2006
PATENT APPLICATION: **US/10/512,737A** TIME: 10:13:06

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\08042006\J512737A.raw**

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W--> 140 <400> SEQUENCE: 14
141 Thr Met Val Leu Leu Phe
E--> 142 1
143 <210> SEQ ID NO: 15
144 <211> LENGTH: 6
145 <212> TYPE: PRT
146 <213> ORGANISM: Artificial sequence
W--> 147 <220> FEATURE:
148 <223> OTHER INFORMATION: Oligopeptide Chemically Synthesized
W--> 149 <400> SEQUENCE: 15
150 Leu Phe Val Met Trp Met
E--> 151 1

Some Error

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/04/2006
PATENT APPLICATION: US/10/512,737A TIME: 10:13:07

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08042006\J512737A.raw

F41

Invalid Line Length:
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:9; Line(s) 92
Seq#:11; Line(s) 113

VERIFICATION SUMMARY DATE: 08/04/2006
PATENT APPLICATION: **US/10/512,737A** TIME: 10:13:07

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\08042006\J512737A.raw**

L:6 M:283 W: Missing Blank Line separator, <120> field identifier
L:7 M:270 C: Current Application Number differs, Replaced Current Application No
L:7 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:0 M:201 W: Mandatory field data missing, <130> FILE REFERENCE
L:9 M:283 W: Missing Blank Line separator, <160> field identifier
L:10 M:283 W: Missing Blank Line separator, <210> field identifier
L:14 M:283 W: Missing Blank Line separator, <220> field identifier
L:16 M:283 W: Missing Blank Line separator, <400> field identifier
L:18 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
L:23 M:283 W: Missing Blank Line separator, <220> field identifier
L:25 M:283 W: Missing Blank Line separator, <400> field identifier
L:27 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
L:32 M:283 W: Missing Blank Line separator, <220> field identifier
L:34 M:283 W: Missing Blank Line separator, <400> field identifier
L:36 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:3
L:41 M:283 W: Missing Blank Line separator, <220> field identifier
L:43 M:283 W: Missing Blank Line separator, <400> field identifier
L:45 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
L:50 M:283 W: Missing Blank Line separator, <220> field identifier
L:52 M:283 W: Missing Blank Line separator, <400> field identifier
L:54 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5
L:59 M:283 W: Missing Blank Line separator, <220> field identifier
L:61 M:283 W: Missing Blank Line separator, <400> field identifier
L:63 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
L:68 M:283 W: Missing Blank Line separator, <220> field identifier
L:70 M:283 W: Missing Blank Line separator, <400> field identifier
L:72 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
L:78 M:283 W: Missing Blank Line separator, <220> field identifier
L:80 M:283 W: Missing Blank Line separator, <400> field identifier
L:82 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:87 M:283 W: Missing Blank Line separator, <220> field identifier
L:89 M:283 W: Missing Blank Line separator, <400> field identifier
L:92 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
L:93 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
L:95 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
L:100 M:283 W: Missing Blank Line separator, <220> field identifier
L:102 M:283 W: Missing Blank Line separator, <400> field identifier
L:104 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:10
L:109 M:283 W: Missing Blank Line separator, <220> field identifier
L:111 M:283 W: Missing Blank Line separator, <400> field identifier
L:113 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
L:114 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
L:120 M:283 W: Missing Blank Line separator, <220> field identifier
L:122 M:283 W: Missing Blank Line separator, <400> field identifier
L:124 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:12
L:129 M:283 W: Missing Blank Line separator, <220> field identifier
L:131 M:283 W: Missing Blank Line separator, <400> field identifier
L:133 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:13

VERIFICATION SUMMARY DATE: 08/04/2006
PATENT APPLICATION: **US/10/512,737A** TIME: 10:13:07

Input Set : **A:\pto.da.txt**
Output Set: **N:\CRF4\08042006\J512737A.raw**

L:138 M:283 W: Missing Blank Line separator, <220> field identifier
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L:147 M:283 W: Missing Blank Line separator, <220> field identifier
L:149 M:283 W: Missing Blank Line separator, <400> field identifier
L:151 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:15